

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/09/2015 04/09/2015	Bob Duffey

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0009_01_s _ 2013_1				
Action/Comments					
Inspector Comments: The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0009_01_s _ 2013_9				
Action/Comments					
Inspector Comments: The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0009_01_s _ 2013_10				
Action/Comments					
Inspector Comments: The LMA completed flood fight training in 2014.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/09/2015 04/09/2015	Bob Duffey

LM Start	0.26	Rating **	M	Issue No.	11
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.186777 °	39.186777 °
				-122.908102 °	-122.908102 °
DWR ID	DWR_NA0009_01_s _ 2013_11				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comments: Remove the trees from the landside slope.					

Photo 1 of 1 : SP\_2015\_NA0009\_3\_11\_20150420\_00094.jpg



Remove the trees from the landside slope.

LM Start	2.29	Rating **	M	Issue No.	13
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.160285 °	39.160285 °
				-122.913481 °	-122.913481 °
DWR ID	DWR_NA0009_01_s _ 2013_13				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : SP\_2015\_NA0009\_3\_13\_20150310\_00007.jpg



View of the vehicle erosion along the waterside slope.

LM Start	2.36	Rating **	M	Issue No.	14
LM End	2.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161153 °	39.161153 °
				-122.912740 °	-122.912740 °
DWR ID	DWR_NA0009_01_s _ 2013_14				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : SP\_2015\_NA0009\_3\_14\_20150310\_00008.jpg



View of the vehicle erosion along the waterside slope.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/09/2015 04/09/2015	Bob Duffey

LM Start	2.38	Rating **	M	Issue No.	15
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.161381 °	39.161708 °
				-122.912551 °	-122.912168 °
DWR ID	DWR_NA0009_01_s _ 2013_15				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_NA0009\_3\_15\_20150310\_00009.jpg



Trim the trees up 5 feet to allow visibility.

LM Start	2.40	Rating **	M	Issue No.	16
LM End	2.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161601 °	39.161601 °
				-122.912303 °	-122.912303 °
DWR ID	DWR_NA0009_01_s _ 2013_16				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : SP\_2015\_NA0009\_3\_16\_20150310\_00010.jpg



View of the vehicle erosion along the waterside slope.

LM Start	2.42	Rating **	M	Issue No.	17
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161802 °	39.161802 °
				-122.912020 °	-122.912020 °
DWR ID	DWR_NA0009_01_s _ 2013_17				
Action/Comments					
Repair the levee slope damaged by vehicle traffic and prevent access where possible.					

Photo 1 of 1 : SP\_2015\_NA0009\_3\_17\_20150310\_00011.jpg



View of the erosion along the landside slope.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	04/09/2015 04/09/2015	Bob Duffey

LM Start	2.48	Rating **	M	Issue No.	3
LM End	2.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.161615 °	39.160795 °
				-122.911733 °	-122.912442 °
DWR ID	DWR_NA0009_01_s _ 2012_3				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP\_2015\_NA0009\_3\_3\_20150310\_00001.jpg



View of the vegetation along the landside slope.

LM Start	2.67	Rating **	M	Issue No.	6
LM End	2.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.159117 °	39.158408 °
				-122.913442 °	-122.913557 °
DWR ID	DWR_NA0009_01_s _ 2012_6				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	3.24	Rating **	M	Issue No.	534
LM End	3.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.151148 °	39.151148 °
				-122.913652 °	-122.913652 °
DWR ID	DWR_NA0009_01_s _ 2015_534				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_NA0009\_3\_534\_20150420\_00095.jpg



Remove the trees from the landside toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	3.04	04/09/2015 04/09/2015	Bob Duffey

LM Start	0.02	Rating **	M	Issue No.	4
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.189540 °	39.187900 °
				-122.908065 °	-122.908655 °
DWR ID	DWR_NA0009_02_s _ 2013_4				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_NA0009\_4\_4\_20150420\_00112.jpg



Trim the trees of 5 feet to allow visibility.

LM Start	0.08	Rating **	M	Issue No.	19
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.188772 °	39.188772 °
				-122.908465 °	-122.908465 °
DWR ID	DWR_NA0009_02_s _ 2014_19				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP\_2015\_NA0009\_4\_19\_20150420\_00113.jpg



View of the elderberries along the landside toe.

LM Start	0.24	Rating **	M	Issue No.	9
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.186739 °	39.186038 °
				-122.909436 °	-122.909948 °
DWR ID	DWR_NA0009_02_s _ 2013_9				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP\_2015\_NA0009\_4\_9\_20150420\_00114.jpg



Trim the trees up 5 feet to allow visibility.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	3.04	04/09/2015 04/09/2015	Bob Duffey

LM Start	0.97	Rating **	M	Issue No.	7
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.177218 °	39.176992 °
				-122.913673 °	-122.913642 °
DWR ID	DWR_NA0009_02_s_2012_7				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove the vegetation from the landside toe.					

Photo 1 of 1 : SP\_2015\_NA0009\_4\_7\_20150420\_00115.jpg



Remove the vegetation from the landside toe.

LM Start	0.99	Rating **	M	Issue No.	3
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.176835 °	39.176835 °
				-122.913558 °	-122.913558 °
DWR ID	DWR_NA0009_02_s_2012_3				
Action/Comments					
Tree or limb					

Photo 1 of 1 : SP\_2015\_NA0009\_4\_3\_20150310\_00003.jpg



View of the tree prunings on the W/S toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015**

**Lake County Watershed Protection District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	04/09/2015 04/09/2015	Bob Duffey

LM Start	0.07	Rating **	A	Issue No.	258
LM End	0.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.148892 °	39.148892 °
				-122.914557 °	-122.914557 °
DWR ID	DWR_NA0009_03_s _ 2015_258				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_NA0009\_5\_258\_20150420\_00085.jpg



View of the levee with vegetation on both slopes.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Poge, Alley and Clover Creek Diversion	Right	1.49	04/09/2015 04/09/2015	Bob Duffey

LM Start	1.05	Rating **	M	Issue No.	2
LM End	1.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.180479 °	39.181947 °
				-122.896567 °	-122.895112 °
DWR ID	DWR_NA0009_04_s_2012_2				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP\_2015\_NA0009\_6\_2\_20150420\_00066.jpg



Trim the trees for better visibility.

LM Start	1.19	Rating **	M	Issue No.	9
LM End	1.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.182154 °	39.182951 °
				-122.895005 °	-122.894409 °
DWR ID	DWR_NA0009_04_s_2012_9				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP\_2015\_NA0009\_6\_9\_20150420\_00065.jpg



View of the vegetation growing at the toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

### Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	04/09/2015 04/09/2015	Bob Duffey

LM Start	0.30	Rating **	M	Issue No.	3
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176957 °	39.176957 °
				-122.898673 °	-122.898673 °
DWR ID	DWR_NA0009_05_s_2012_3				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP\_2015\_NA0009\_7\_3\_20150420\_00031.jpg



View of the elderberry along the landside toe.

LM Start	0.54	Rating **	C	Issue No.	69
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.175752 °	39.175752 °
				-122.902737 °	-122.902737 °
DWR ID	DWR_NA0009_05_f_2014_69				
Action/Comments					
Repair slope instability. Inspector Comments: A property owner repaired the erosion along the landside toe.					

No Photos

LM Start	0.69	Rating **	A	Issue No.	121
LM End	0.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.175698 °	39.175698 °
				-122.905553 °	-122.905553 °
DWR ID	DWR_NA0009_05_s_2015_121				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP\_2015\_NA0009\_7\_121\_20150420\_00033.jpg



View of the levee with vegetation on both slopes.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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